

Neocate[®] Junior, Chocolate Mixing Chart

Approximate Household Measures*
Leveled and Unpacked



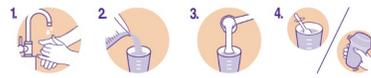
Approx. Dilution

For Healthcare Professionals[§]

Contact Nutricia for more comprehensive volume options at each concentration

Refer to can label for full preparation instructions

1) Wash hands thoroughly and clean the preparation area. 2) Pour the required amount of water into container. 3) Add required amount of powder to water. 4) Stir, or cover and shake, until the powder has dissolved.



| | |
|----------------------|--------|
| 1 scoop [†] | 7.5 g |
| 1 tsp (5 mL) | 2.6 g |
| 1 Tbsp (15 mL) | 7.8 g |
| ¼ cup (60 mL) | 31.3 g |
| ½ cup (80 mL) | 41.7 g |
| ¾ cup (120 mL) | 62.5 g |
| 1 cup (240 mL) | 125 g |

| Standard Mixing 1 kcal/mL | Water Volume [‡] | | Neocate [†] | | | Approx. Final Volume [‡] | |
|--|---------------------------|-----|----------------------|-------|------|-----------------------------------|------|
| | fl oz | mL | scoops | grams | kcal | fl oz | mL |
| 3.1 g PE /100 mL 660 mOsm/kg H ₂ O ~85% Free Water | 4.0 | 120 | 4 | 30.0 | 137 | 4.7 | 140 |
| | 7.0 | 210 | 7 | 52.5 | 240 | 8.2 | 245 |
| | 10.0 | 300 | 10 | 75.0 | 343 | 11.8 | 355 |
| | 21.0 | 630 | 21 | 158 | 720 | 24.7 | 740 |
| | 29.0 | 870 | 29 | 218 | 994 | 34.1 | 1020 |
| 28 kcal/fl oz 0.93 kcal/mL 2.9 g PE /100 mL Est'd 615 mOsm/kg H ₂ O ~86% Free Water | 7.5 | 225 | 7 | 52.5 | 240 | 8.7 | 260 |
| | 9.5 | 285 | 9 | 67.5 | 308 | 11.1 | 330 |
| | 15.0 | 450 | 14 | 105 | 480 | 17.5 | 525 |
| | 21.0 | 630 | 20 | 150 | 686 | 24.5 | 735 |
| | 30.0 | 900 | 29 | 218 | 994 | 35.1 | 1050 |
| 27 kcal/fl oz 0.90 kcal/mL 2.8 g PE /100 mL Est'd 595 mOsm/kg H ₂ O ~87% Free Water | 5.5 | 165 | 5 | 37.5 | 171 | 6.4 | 190 |
| | 10.0 | 300 | 9 | 67.5 | 308 | 11.6 | 345 |
| | 15.5 | 465 | 14 | 105 | 480 | 18.0 | 540 |
| | 21.0 | 630 | 19 | 143 | 651 | 24.3 | 730 |
| | 30.0 | 900 | 27 | 203 | 925 | 34.7 | 1040 |
| 26 kcal/fl oz 0.87 kcal/mL 2.7 g PE /100 mL Est'd 570 mOsm/kg H ₂ O ~87% Free Water | 3.5 | 105 | 3 | 22.5 | 103 | 4.0 | 120 |
| | 7.0 | 210 | 6 | 45.0 | 206 | 8.1 | 240 |
| | 10.5 | 315 | 9 | 67.5 | 308 | 12.1 | 360 |
| | 21.0 | 630 | 18 | 135 | 617 | 24.2 | 725 |
| | 28.0 | 840 | 24 | 180 | 823 | 32.2 | 965 |
| 24 kcal/fl oz 0.80 kcal/mL 2.5 g PE /100 mL Est'd 530 mOsm/kg H ₂ O ~88% Free Water | 5.0 | 150 | 4 | 30.0 | 137 | 5.7 | 170 |
| | 7.5 | 225 | 6 | 45.0 | 206 | 8.6 | 255 |
| | 15.0 | 450 | 12 | 90.0 | 411 | 17.1 | 515 |
| | 20.0 | 600 | 16 | 120 | 548 | 22.8 | 685 |
| | 28.0 | 840 | 22 | 165 | 754 | 31.9 | 955 |
| 22 kcal/fl oz 0.73 kcal/mL 2.3 g PE /100 mL Est'd 485 mOsm/kg H ₂ O ~89% Free Water | 5.5 | 165 | 4 | 30.0 | 137 | 6.2 | 185 |
| | 8.5 | 255 | 6 | 45.0 | 206 | 9.6 | 285 |
| | 14.0 | 420 | 10 | 75.0 | 343 | 15.8 | 475 |
| | 21.0 | 630 | 15 | 113 | 514 | 23.6 | 710 |
| | 29.0 | 870 | 21 | 158 | 720 | 32.7 | 980 |
| 20 kcal/fl oz 0.67 kcal/mL 2.1 g PE /100 mL Est'd 440 mOsm/kg H ₂ O ~90% Free Water | 11.0 | 330 | 7 | 52.5 | 240 | 12.2 | 365 |
| | 14.0 | 420 | 9 | 67.5 | 308 | 15.6 | 465 |
| | 17.0 | 510 | 11 | 82.5 | 377 | 18.9 | 570 |
| | 20.0 | 600 | 13 | 97.5 | 446 | 22.3 | 670 |
| | 29.0 | 870 | 19 | 143 | 651 | 32.3 | 970 |

*Household measures are based on standard US, dry household measures. All measures are level and unpacked. These values are approximations only, whereas the scoops Nutricia provides are validated for use with Nutricia formulas. Nutricia North America recommends using a scale for greatest accuracy.

†Mixing is more accurate using weighed powder vs. scoops. Scoops should be level and unpacked. 1 level, unpacked scoop yields 7.5 grams powder and provides 34.3 kcal. 1 gram provides 4.57 kcal and displaces ~0.70 mL water.

‡This chart assumes 1 fl oz = 30 mL. Water volumes are exact, but final volume of prepared formula may vary slightly.

||PE = Approximate protein equivalent.

§For patient safety, Nutricia directs caregivers requesting mixing instructions at non-standard dilutions to their healthcare teams.



For questions, contact:
NutritionServices@Nutricia.com
or (800) 365-7354
neocate.com/for-healthcare-professionals/

Last Updated March 3, 2026

Neocate® Junior, Chocolate Mixing Chart

For Healthcare Professionals[§]

Approximate Household Measures*
Leveled and Unpacked



Approx. Concentration

Contact Nutricia for more comprehensive volume options at each concentration

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1) Wash hands thoroughly and clean the preparation area. 2) Pour the required amount of water into container. 3) Add required amount of powder to water. 4) Stir, or cover and shake, until the powder has dissolved.



| | |
|----------------------|--------|
| 1 scoop [†] | 7.5 g |
| 1 tsp (5 mL) | 2.6 g |
| 1 Tbsp (15 mL) | 7.8 g |
| ¼ cup (60 mL) | 31.3 g |
| ½ cup (80 mL) | 41.7 g |
| ¾ cup (120 mL) | 62.5 g |
| 1 cup (240 mL) | 125 g |

| Standard Mixing 1 kcal/mL | Water Volume [‡] | | Neocate [†] | | | Approx. Final Volume [‡] | |
|--|---------------------------|-----|----------------------|-------|------|-----------------------------------|------|
| | fl oz | mL | scoops | grams | kcal | fl oz | mL |
| 3.1 g PE /100 mL 660 mOsm/kg H ₂ O ~85% Free Water | 4.0 | 120 | 4 | 30.0 | 137 | 4.7 | 140 |
| | 7.0 | 210 | 7 | 52.5 | 240 | 8.2 | 245 |
| | 10.0 | 300 | 10 | 75.0 | 343 | 11.8 | 355 |
| | 21.0 | 630 | 21 | 158 | 720 | 24.7 | 740 |
| | 29.0 | 870 | 29 | 218 | 994 | 34.1 | 1020 |
| 32 kcal/fl oz 1.07 kcal/mL 3.3 g PE /100 mL Est'd 705 mOsm/kg H ₂ O ~84% Free Water | 4.5 | 135 | 5 | 37.5 | 171 | 5.4 | 160 |
| | 9.0 | 270 | 10 | 75.0 | 343 | 10.8 | 325 |
| | 12.5 | 375 | 14 | 105 | 480 | 15.0 | 450 |
| | 20.0 | 600 | 22 | 165 | 754 | 23.9 | 715 |
| | 27.0 | 810 | 30 | 225 | 1028 | 32.3 | 970 |
| 34 kcal/fl oz 1.13 kcal/mL 3.5 g PE /100 mL Est'd 750 mOsm/kg H ₂ O ~83% Free Water | 2.5 | 75 | 3 | 22.5 | 103 | 3.0 | 90 |
| | 7.5 | 225 | 9 | 67.5 | 308 | 9.1 | 270 |
| | 10.0 | 300 | 12 | 90.0 | 411 | 12.1 | 365 |
| | 20.0 | 600 | 24 | 180 | 823 | 24.2 | 725 |
| | 27.0 | 810 | 32 | 240 | 1097 | 32.6 | 980 |
| 36 kcal/fl oz 1.20 kcal/mL 3.7 g PE /100 mL Est'd 790 mOsm/kg H ₂ O ~82% Free Water | 5.5 | 165 | 7 | 52.5 | 240 | 6.7 | 200 |
| | 7.0 | 210 | 9 | 67.5 | 308 | 8.6 | 255 |
| | 11.0 | 330 | 14 | 105 | 480 | 13.5 | 405 |
| | 21.0 | 630 | 27 | 203 | 925 | 25.7 | 770 |
| | 28.0 | 840 | 36 | 270 | 1234 | 34.3 | 1030 |
| 38 kcal/fl oz 1.27 kcal/mL 3.9 g PE /100 mL Est'd 835 mOsm/kg H ₂ O ~80% Free Water | 8.0 | 240 | 11 | 82.5 | 377 | 9.9 | 300 |
| | 11.0 | 330 | 15 | 113 | 514 | 13.6 | 410 |
| | 16.0 | 480 | 22 | 165 | 754 | 19.9 | 595 |
| | 20.0 | 600 | 28 | 210 | 960 | 24.9 | 745 |
| | 27.0 | 810 | 37 | 278 | 1268 | 33.5 | 1005 |
| 40 kcal/fl oz 1.33 kcal/mL 4.1 g PE /100 mL Est'd 880 mOsm/kg H ₂ O ~80% Free Water | 5.5 | 165 | 8 | 60.0 | 274 | 6.9 | 205 |
| | 7.5 | 225 | 11 | 82.5 | 377 | 9.4 | 285 |
| | 13.0 | 390 | 19 | 143 | 651 | 16.3 | 490 |
| | 20.0 | 600 | 29 | 218 | 994 | 25.1 | 750 |
| | 26.0 | 780 | 38 | 285 | 1302 | 32.7 | 980 |
| 45 kcal/fl oz 1.50 kcal/mL 4.7 g PE /100 mL Est'd 990 mOsm/kg H ₂ O ~77% Free Water | 6.5 | 195 | 11 | 82.5 | 377 | 8.4 | 255 |
| | 9.5 | 285 | 16 | 120 | 548 | 12.3 | 370 |
| | 16.0 | 480 | 27 | 203 | 925 | 20.7 | 620 |
| | 20.0 | 600 | 34 | 255 | 1165 | 26.0 | 780 |
| | 25.0 | 750 | 43 | 323 | 1474 | 32.5 | 975 |

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